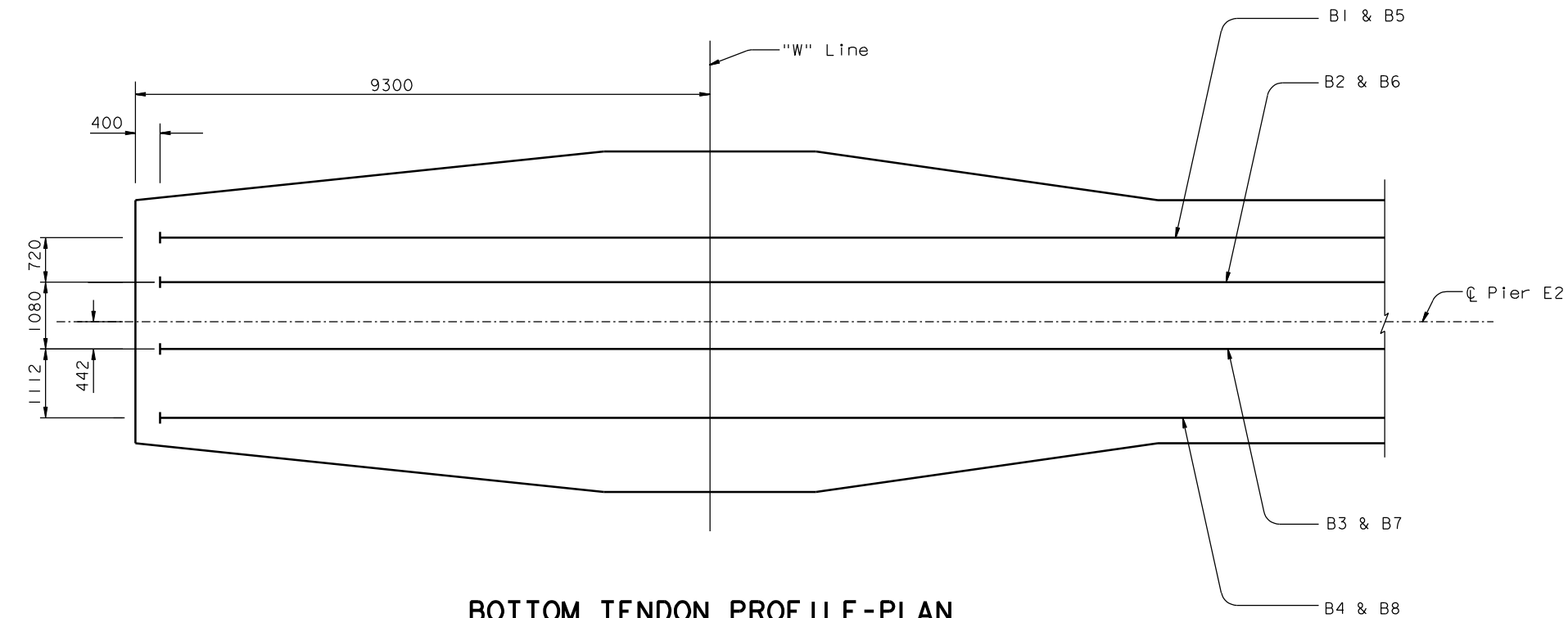


TOP TENDON PROFILE-PLAN  
1:50  
(Looking normal to top sloped surface)



BOTTOM TENDON PROFILE-PLAN  
1:50  
(Looking normal to top sloped surface)



DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	514R3	1204

REGISTERED ENGINEER - CIVIL  
No. C 051153  
Exp. 9/30/09  
CIVIL  
STATE OF CALIFORNIA

12-6-04  
PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

T.Y. LIN / MOFFATT & NICHOL  
825 BATTERY STREET  
SAN FRANCISCO, CA 94111

Caltrans now has a web site! To get to the web site, go to: <http://www.dot.ca.gov>

REQUESTS FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE					
	09/26/08	E2 CROSS BEAM	AS	JD	71
	07/18/07	E2 CAP BEAM ISD RESOLUTION	AS	JD	34S2
	07/21/06	E2 CAP BEAM ISD	AS	NV	23
MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
REVISIONS					

CONTRACT CHANGE ORDER NO. \_\_\_\_\_  
SHEET \_\_\_\_ OF \_\_\_\_

- NOTES:
- "W" Line shown, "E" Line similar.
  - For tendon anchorage block-out details, see "Pier E2 Details No.8" sheet.
  - For concrete crossbeam reinforcement, see "Pier E2 Details No.3", "Pier E2 Details No.4", and "Pier E2 Details No.7" sheets.
  - For stressing force, use two end stressing and initial jacking stress  
 $= 0.75 f_{pu} = 0.75 \times 1860 = 1390 \text{ MPa}$ .
  - For additional prestressing notes, see "Prestressing Notes" sheet.
  - The post-tensioning and grouting sequence shall prevent ducts from crushing.
  - The outer diameter of the PT duct shall not be greater than 180 mm.
  - At the Contractor's option, alternative post-tensioning anchorage sizes may be used provided the center of gravity of the prestressing force and the total prestressing force remains unchanged, subject to review and approval of the Engineer.

R. Valizadeh/V. Toan/Y.L./W.L./F.C.  
DESIGN OVERSIGHT  
*R. Valizadeh / V. Toan / Y. Lu*  
SIGN OFF DATE 09/26/08

DESIGN	BY A. Sanjines	CHECKED J. Chan
DETAILS	BY R. Xu	CHECKED J. Chan
QUANTITIES	BY C. Bernardo	CHECKED B. Mason

PREPARED FOR THE  
STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

ALL DIMENSIONS ARE IN  
MILLIMETERS UNLESS OTHERWISE SHOWN

R. Manzanarez PROJECT ENGINEER	BRIDGE NO. 34-0006L/R
	KILOMETER POST 13.2/13.9

SAN FRANCISCO OAKLAND BAY BRIDGE  
EAST SPAN SEISMIC SAFETY PROJECT  
SELF-ANCHORED SUSPENSION BRIDGE  
(SUPERSTRUCTURE & TOWER)  
PIER E2 DETAILS NO.5